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Surface Sediment Grab Sample

USEPA-MPI 2009 Benthic Oversight
2009 CPG Benthic Sediment Survey
2009 CPG Benthic Sediment Survey
2010 CPG Benthic Sediment Sampling
2009 CPG Benthic Sediment Survey
2010 CPG Benthic Sediment Sampling
08A-0024-C1AS 08A - 2008 LPRS - Low Res Coring Samples
08A-0023-C2AS 08A - 2008 LPRS - Low Res Coring Samples
08A-0022-C1AS 08A - 2008 LPRS - Low Res Coring Samples
08A-0022-D2AS 08A - 2008 LPRS - Low Res Coring Samples
08A-0022-D2BS 08A - 2008 LPRS - Low Res Coring Samples
08A-0022-D2CS 08A - 2008 LPRS - Low Res Coring Samples
08A-0022-D2DS 08A - 2008 LPRS - Low Res Coring Samples
2009 CPG Benthic Sediment Survey
2009 CPG Benthic Sediment Survey
2009 CPG Benthic Sediment Survey
08A-0025-C1AS 08A - 2008 LPRS - Low Res Coring Samples
2009 CPG Benthic Sediment Survey
2010 CPG Benthic Sediment Sampling
08A-0026-C1AS 08A - 2008 LPRS - Low Res Coring Samples
2009 CPG Benthic Sediment Survey
2010 CPG Benthic Sediment Sampling
08A-0027-C1AS 08A - 2008 LPRS - Low Res Coring Samples
08A-0029-C1AS 08A - 2008 LPRS - Low Res Coring Samples
08A-0028-C2AS 08A - 2008 LPRS - Low Res Coring Samples
08A-0028-D1AS 08A - 2008 LPRS - Low Res Coring Samples
08A-0028-D1BS 08A - 2008 LPRS - Low Res Coring Samples
08A-0028-D1CS 08A - 2008 LPRS - Low Res Coring Samples
08A-0028-D1DS 08A - 2008 LPRS - Low Res Coring Samples
2009 CPG Benthic Sediment Survey
2010 CPG Benthic Sediment Sampling
2009 CPG Benthic Sediment Survey
2009 CPG Benthic Sediment Survey
2010 CPG Benthic Sediment Sampling
2009 CPG Benthic Sediment Survey
2010 CPG Benthic Sediment Sampling
USEPA CDM 2010 Benthic Sediment Split Sample Oversight
2009 CPG Benthic Sediment Survey
08A-0115-C1AS 08A - 2008 LPRS - Low Res Coring Samples
08A-0115-D1AS 08A - 2008 LPRS - Low Res Coring Samples
08A-0115-D1BS 08A - 2008 LPRS - Low Res Coring Samples
08A-0115-D1CS 08A - 2008 LPRS - Low Res Coring Samples
08A-0115-D1DS 08A - 2008 LPRS - Low Res Coring Samples
08A-0030-C1AS 08A - 2008 LPRS - Low Res Coring Samples
08A-0031-C1AS 08A - 2008 LPRS - Low Res Coring Samples
08A-0032-C2AS 08A - 2008 LPRS - Low Res Coring Samples
2010 CPG Benthic Sediment Sampling
2009 CPG Benthic Sediment Survey
2009 CPG Benthic Sediment Survey

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08A-0033-C1AS
2009 CPG Benthic Sediment Survey
2009 CPG Benthic Sediment Survey
08A - 2008 LPRS - Low Res Coring Samples
2009 CPG Benthic Sediment Survey
2009 CPG Benthic Sediment Survey
08A-0034-C1AS
08A - 2008 LPRS - Low Res Coring Samples
08A-0034-D2AS
08A - 2008 LPRS - Low Res Coring Samples
08A-0034-D2BS
08A - 2008 LPRS - Low Res Coring Samples
08A-0034-D2CS
08A - 2008 LPRS - Low Res Coring Samples
08A-0034-D2DS
08A - 2008 LPRS - Low Res Coring Samples
08A-0035-C5AS
08A - 2008 LPRS - Low Res Coring Samples
08A-0036-C2AS
08A - 2008 LPRS - Low Res Coring Samples
08A-0037-C1AS
2009 CPG Benthic Sediment Survey
2009 CPG Benthic Sediment Survey
2010 CPG Benthic Sediment Sampling
2009 CPG Benthic Sediment Survey
2009 CPG Benthic Sediment Survey
08A-0038-C1AS
08A - 2008 LPRS - Low Res Coring Samples
2009 CPG Benthic Sediment Survey
2010 CPG Benthic Sediment Sampling
08A-0039-C1AS
08A - 2008 LPRS - Low Res Coring Samples
08A-0041-C1AS
08A - 2008 LPRS - Low Res Coring Samples
08A-0040-C1AS
08A - 2008 LPRS - Low Res Coring Samples
08A-0042-C2AS
2009 CPG Benthic Sediment Survey
2010 CPG Benthic Sediment Sampling
C-LPRC07D
USEPA CDM 2010 Benthic Sediment Split Sample Oversight
2010 CPG Benthic Sediment Sampling
2009 CPG Benthic Sediment Survey
2010 CPG Benthic Sediment Sampling
08A-0043-C2AS
08A - 2008 LPRS - Low Res Coring Samples
08A-0044-C1AS
08A - 2008 LPRS - Low Res Coring Samples
08A-0045-C2AS
2009 CPG Benthic Sediment Survey
2009 CPG Benthic Sediment Survey
2009 CPG Benthic Sediment Survey
08A-0048-C2AS
08A - 2008 LPRS - Low Res Coring Samples
08A-0046-C2AS
08A - 2008 LPRS - Low Res Coring Samples
08A-0047-C1AS
08A - 2008 LPRS - Low Res Coring Samples
08A-0047-D4AS
08A - 2008 LPRS - Low Res Coring Samples
08A-0047-D4BS
08A - 2008 LPRS - Low Res Coring Samples
08A-0047-D4CS
08A - 2008 LPRS - Low Res Coring Samples
08A-0047-D4DS
2009 CPG Benthic Sediment Survey
2010 CPG Benthic Sediment Sampling
08A-0049-C1AS
08A - 2008 LPRS - Low Res Coring Samples
2009 CPG Benthic Sediment Survey
08A-0050-C1AS
08A - 2008 LPRS - Low Res Coring Samples
08A-0051-C1AS
08A - 2008 LPRS - Low Res Coring Samples

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08A-0052-C2AS	08A - 2008 LPRS - Low Res Coring Samples 2009 CPG Benthic Sediment Survey 2009 CPG Benthic Sediment Survey 2010 CPG Benthic Sediment Sampling
08A-0054-C3AS	08A - 2008 LPRS - Low Res Coring Samples
08A-0055-C2AS	08A - 2008 LPRS - Low Res Coring Samples 2009 CPG Benthic Sediment Survey 2009 CPG Benthic Sediment Survey
08A-0056-C2AS	08A - 2008 LPRS - Low Res Coring Samples
08A-0057-C1AS	08A - 2008 LPRS - Low Res Coring Samples
08A-0058-C1AS	08A - 2008 LPRS - Low Res Coring Samples
08A-0060-C1AS	08A - 2008 LPRS - Low Res Coring Samples 2010 CPG Benthic Sediment Sampling
08A-0062-C1AS	08A - 2008 LPRS - Low Res Coring Samples
08A-0061-C1AS	08A - 2008 LPRS - Low Res Coring Samples
08A-0062-D1AS	08A - 2008 LPRS - Low Res Coring Samples
08A-0062-D1BS	08A - 2008 LPRS - Low Res Coring Samples
08A-0062-D1CS	08A - 2008 LPRS - Low Res Coring Samples
08A-0062-D1DS	08A - 2008 LPRS - Low Res Coring Samples
08A-0063-C1AS	08A - 2008 LPRS - Low Res Coring Samples
08A-0064-C1AS	08A - 2008 LPRS - Low Res Coring Samples
08A-0065-C3AS	08A - 2008 LPRS - Low Res Coring Samples USEPA-MPI 2009 Benthic Oversight
Surface Sediment Grab Sample	2009 CPG Benthic Sediment Survey 2009 CPG Benthic Sediment Survey 2009 CPG Benthic Sediment Survey USEPA-MPI 2009 Benthic Oversight
Surface Sediment Grab Sample	2009 CPG Benthic Sediment Survey
Surface Sediment Grab Sample	2009 CPG Benthic Sediment Survey USEPA-MPI 2009 Benthic Oversight
08A-0066-C1AS	08A - 2008 LPRS - Low Res Coring Samples
08A-0067-C2AS	08A - 2008 LPRS - Low Res Coring Samples 2009 CPG Benthic Sediment Survey
Surface Sediment Grab Sample	USEPA-MPI 2009 Benthic Oversight 2009 CPG Benthic Sediment Survey 2009 CPG Benthic Sediment Survey 2009 CPG Benthic Sediment Survey 2010 CPG Benthic Sediment Sampling
08A-0068-C1AS	2009 CPG Benthic Sediment Survey 08A - 2008 LPRS - Low Res Coring Samples 2009 CPG Benthic Sediment Survey
08A-0069-C1AS	08A - 2008 LPRS - Low Res Coring Samples
08A-1070-C2AS	08A - 2008 LPRS - Low Res Coring Samples 2009 CPG Benthic Sediment Survey 2009 CPG Benthic Sediment Survey 2009 CPG Benthic Sediment Survey

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08A-0071-C1AS
08A-0072-C6AS

08A-0073-C4AS

08A-0074-C2AS
08A-0075-C1AS

08A-0076-C5AS

08A-0077-C2AS

08A-0078-C1AS
08A-0078-D4AS
08A-0078-D4BS
08A-0078-D4CS
08A-0078-D4DS

08A-0079-C4AS
08A-0080-C1AS

08A-0081-C2AS
08A-0082-C2AS

08A-0083-C2AS

08A-0084-C1AS

08A - 2008 LPRS - Low Res Coring Samples
08A - 2008 LPRS - Low Res Coring Samples
2009 CPG Benthic Sediment Survey
2009 CPG Benthic Sediment Survey
08A - 2008 LPRS - Low Res Coring Samples
2010 CPG Benthic Sediment Sampling
2009 CPG Benthic Sediment Survey
2009 CPG Benthic Sediment Survey
08A - 2008 LPRS - Low Res Coring Samples
08A - 2008 LPRS - Low Res Coring Samples
2009 CPG Benthic Sediment Survey
08A - 2008 LPRS - Low Res Coring Samples
2009 CPG Benthic Sediment Survey
08A - 2008 LPRS - Low Res Coring Samples
2009 CPG Benthic Sediment Survey
08A - 2008 LPRS - Low Res Coring Samples
2009 CPG Benthic Sediment Survey
08A - 2008 LPRS - Low Res Coring Samples
08A - 2008 LPRS - Low Res Coring Samples
2009 CPG Benthic Sediment Survey
08A - 2008 LPRS - Low Res Coring Samples
08A - 2008 LPRS - Low Res Coring Samples
2010 CPG Benthic Sediment Sampling
2009 CPG Benthic Sediment Survey
08A - 2008 LPRS - Low Res Coring Samples
2009 CPG Benthic Sediment Survey
08A - 2008 LPRS - Low Res Coring Samples
2009 CPG Benthic Sediment Survey
2009 CPG Benthic Sediment Survey

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0.095	
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0.35	EMPC-J
0.149	J
0.104	J
0.0838	J
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0.115	J
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0.12	J
0.151	J
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0.098	
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0.222	J

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0.173
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0.077
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0.065 J
0.35 J
0.387 J
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0.327 J
0.187 J
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0.12 J
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0.573 J
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0.129
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0.323 J
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0.099 J

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0.25	J
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0.31	J
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0.112	
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0.94	J
0.0735	
0.210	J
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0.138	J
0.13	
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1	J
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1	J
0.084	J
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0.304	J
0.158	J
1.32	J
0.093	J
0.21	J
0.095	J
0.172	J
0.147	
0.336	J
0.171	
0.170	
0.0910	
0.0801	
0.43	
1.2	J
0.213	
0.29	
0.271	J
0.0224	

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0.0228
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0.12
1.1 J
0.0299
1.27 J
0.21 J
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0.12
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0.0397 J
0.261 J
0.865 J
0.497 J
0.87 J
0.14 J
0.115 J
0.120
0.577 J
0.476 J
0.477 J
0.268 J
0.129 J
0.0453 J
0.167 J
0.418
0.11 J
0.08
0.13
0.536
0.067
0.306
0.098
0.0857 J
3.74 J
0.16
0.223
0.092 J
0.12 J
0.095
0.18 J
0.68
0.097
0.153 J
0.073 J
0.106 J
0.129
0.12
0.15
0.12 J

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0.107
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0.13 J
0.13 J
0.527 J
1
0.073 J
0.11 J
0.253 J
0.103
0.13 J
0.345 J
0.12 J
0.114 J
0.17 J
0.12 J
0.223
0.240
0.155
0.124 J
0.168
0.11
0.065 J
0.221
0.0789
0.056
0.055
0.063 J
0.069 J
0.093 J
0.11 J
0.0695 J
0.0396
0.93 EMPC-J
0.054 J
0.0837 J
0.14 J
0.163 J
0.11 J
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0.11 J
0.15 EMPC-J
0.12 EMPC-J
0.12

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result_remark

Validated - Correction Factor Applied per Nov 2010/Jan 2011 memo 'The Effect of Application of a Correction Factor'

Validated - Original result – Not one of 14 PCDD/PCDFs or result value < QL or ND - Correction Factor Not Applied

Validated - Correction Factor Applied per Nov 2010/Jan 2011 memo 'The Effect of Application of a Correction Fact
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validated_yn validation_level
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Y on Chlorinated Dioxins and Dibenzofuran Results Produced by Columbia Analytical Services for Lower P
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Y Validated
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Preliminary Data -- Do Not Distribute

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DRAFT -- PRELIMINARY DATA -- DO NOT DISTRIBUTE

Location	Depth Interval	RM	report_result_text	interpreted_qualifiers	unit
11B-0301	0 - 0.5 ft	10.65	221	J	pg/g
11B-0302	0 - 0.5 ft	10.67	267		pg/g
11B-0303	0 - 0.5 ft	10.68	71.7		pg/g
11B-0304	0 - 0.5 ft	10.69	382	J	pg/g
11B-0305	0 - 0.5 ft	10.7	230	J	pg/g
11B-0306	0 - 0.5 ft	10.72	322	J	pg/g
11B-0307	0 - 0.5 ft	10.73	38.1		pg/g
11B-0308	0 - 0.5 ft	10.74	282	J	pg/g
11B-0309	0 - 0.5 ft	10.75	394	J	pg/g
11B-0310	0 - 0.5 ft	10.77	2070	J	pg/g
11B-0311	0 - 0.5 ft	10.78	9.11		pg/g
11B-0312	0 - 0.5 ft	10.78	1200	J	pg/g
11B-0313	0 - 0.5 ft	10.79	316	J	pg/g
11B-0314	0 - 0.5 ft	10.8	690		pg/g
11B-0315	0 - 0.5 ft	10.81	369	J	pg/g
11B-0316	0 - 0.5 ft	10.82	12100	J	pg/g
11B-0317	0 - 0.5 ft	10.83	741		pg/g
11B-0318	0 - 0.5 ft	10.84	7080	J	pg/g
11B-0319	0 - 0.5 ft	10.84	32.2		pg/g
11B-0320	0 - 0.5 ft	10.85	48.3		pg/g
11B-0321	0 - 0.5 ft	10.85	677		pg/g
11B-0322	0 - 0.5 ft	10.86	2170	J	pg/g
11B-0323	0 - 0.5 ft	10.86	18.9		pg/g
11B-0324	0 - 0.5 ft	10.87	16500	J	pg/g
11B-0325	0 - 0.5 ft	10.88	1620	J	pg/g
11B-0326	0 - 0.5 ft	10.89	10200	J	pg/g
11B-0327	0 - 0.5 ft	10.89	402		pg/g
11B-0328	0 - 0.5 ft	10.9	9550	J	pg/g
11B-0329	0 - 0.5 ft	10.9	1070	J	pg/g
11B-0330	0 - 0.5 ft	10.92	6790	J	pg/g
11B-0331	0 - 0.5 ft	10.92	11.2		pg/g
11B-0332	0 - 0.5 ft	10.94	16400	J	pg/g
11B-0333	0 - 0.5 ft	10.94	1400	J	pg/g
11B-0337	0 - 0.5 ft	10.94	18.4		pg/g
11B-0336	0 - 0.5 ft	10.95	20900	J	pg/g
11B-0335	0 - 0.5 ft	10.95	9.47		pg/g
11B-0334	0 - 0.5 ft	10.97	17100	J	pg/g
11B-0338	0 - 0.5 ft	10.97	1530	J	pg/g
11B-0339	0 - 0.5 ft	10.99	6600	J	pg/g
11B-0340	0 - 0.5 ft	10.99	22.4		pg/g
11B-0341	0 - 0.5 ft	11	14200	J	pg/g
11B-0342	0 - 0.5 ft	11	369		pg/g

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11B-0343	0 - 0.5 ft	11.02	2200	J	pg/g
11B-0347	0 - 0.5 ft	11.02	485		pg/g
11B-0346	0 - 0.5 ft	11.03	66.5		pg/g
11B-0345	0 - 0.5 ft	11.04	21600	J	pg/g
11B-0344	0 - 0.5 ft	11.04	904	J	pg/g
11B-0348	0 - 0.5 ft	11.06	459	J	pg/g
11B-0349	0 - 0.5 ft	11.07	1400	J	pg/g
11B-0351	0 - 0.5 ft	11.08	150		pg/g
11B-0352	0 - 0.5 ft	11.09	2790	J	pg/g
11B-0350	0 - 0.5 ft	11.1	49		pg/g
11B-0353	0 - 0.5 ft	11.1	538	J	pg/g
11B-0354	0 - 0.5 ft	11.11	168		pg/g

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DRAFT -- PRELIMINARY DATA -- DO NOT DISTRIBUTE

Location	Depth Interval	Sample ID	River Mile	2,3,7,8-TCDD	Unit	Qualifier
12A-0401	0 - 0.5 ft	12A-0401-C2AS	0.17	147	pg/g	
12A-0402	0 - 0.5 ft	12A-0402-C4AS	0.25	368	pg/g	
12A-0403	0 - 0.5 ft	12A-0403-C1AS	0.5	2370	pg/g	E
12A-0404	0 - 0.5 ft	12A-0404-C2AS	0.68	302	pg/g	
12A-0405	0 - 0.5 ft	12A-0405-C2AS	1.31	253	pg/g	
12A-0406	0 - 0.5 ft	12A-0406-C2AS	1.68	478	pg/g	
12A-0407	0 - 0.5 ft	12A-0407-C3AS	1.83	262	pg/g	
12A-0409	0 - 0.5 ft	12A-0409-C7AS	1.96	280	pg/g	
12A-0408	0 - 0.5 ft	12A-0408-C3AS	1.97	1380	pg/g	
12A-0410	0 - 0.5 ft	12A-0410-C2AS	1.98	205	pg/g	
12A-0411	0 - 0.5 ft	12A-0411-C2AS	2.02	181	pg/g	
12A-0413	0 - 0.5 ft	12A-0413-C4AS	2.53	2600	pg/g	E
12A-0412	0 - 0.5 ft	12A-0412-C2AS	2.55	327	pg/g	
12A-0415	0 - 0.5 ft	12A-0415-C1AS	2.69	445	pg/g	
12A-0414	0 - 0.5 ft	12A-0414-C3AS	2.69	269	pg/g	
12A-0418	0 - 0.5 ft	12A-0418-C1AS	2.84	412	pg/g	
12A-0416	0 - 0.5 ft	12A-0416-C4AS	2.84	245	pg/g	
12A-0417	0 - 0.5 ft	12A-0417-C4AS	2.85	218	pg/g	
12A-0419	0 - 0.5 ft	12A-0419-C4AS	2.86	250	pg/g	
12A-0420	0 - 0.5 ft	12A-0420-C2AS	2.96	327	pg/g	
12A-0422	0 - 0.5 ft	12A-0422-C5AS	3.14	395	pg/g	
12A-0421	0 - 0.5 ft	12A-0421-C3AS	3.14	0.77	pg/g	J
12A-0423	0 - 0.5 ft	12A-0423-C3AS	3.3	62.5	pg/g	
12A-0424	0 - 0.5 ft	12A-0424-C3AS	3.3	33.7	pg/g	
12A-0425	0 - 0.5 ft	12A-0425-C2AS	3.45	208	pg/g	
12A-0427	0 - 0.5 ft	12A-0427-C5AS	3.64	11700	pg/g	E
12A-0426	0 - 0.5 ft	12A-0426-C6AS	3.64	730	pg/g	
12A-0429	0 - 0.5 ft	12A-0429-C2AS	3.64	294	pg/g	
12A-0428	0 - 0.5 ft	12A-0428-C3AS	3.64	16.3	pg/g	
12A-0430	0 - 0.5 ft	12A-0430-C1AS	3.7	18.1	pg/g	
12A-0431	0 - 0.5 ft	12A-0431-C4AS	3.77	286	pg/g	
12A-0432	0 - 0.5 ft	12A-0432-C2AS	3.83	48.5	pg/g	
12A-0433	0 - 0.5 ft	12A-0433-C3AS	3.94	253	pg/g	
12A-0434	0 - 0.5 ft	12A-0434-C2AS	4.05	190	pg/g	
12A-0435	0 - 0.5 ft	12A-0435-C3AS	4.09	1400	pg/g	
12A-0436	0 - 0.5 ft	12A-0436-C1AS	4.14	195	pg/g	
12A-0437	0 - 0.5 ft	12A-0437-C4AS	4.24	272	pg/g	
12A-0438	0 - 0.5 ft	12A-0438-C3AS	4.52	197	pg/g	
12A-0439	0 - 0.5 ft	12A-0439-C4AS	4.53	66.8	pg/g	
12A-0440	0 - 0.5 ft	12A-0440-C2AS	4.54	21900	pg/g	E
12A-0441	0 - 0.5 ft	12A-0441-C2AS	4.63	299	pg/g	
12A-0442	0 - 0.5 ft	12A-0442-C3AS	4.63	122	pg/g	

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12A-0443	0 - 0.5 ft	12A-0443-C5AS	4.63	56.7	pg/g	
12A-0444	0 - 0.5 ft	12A-0444-C3AS	4.64	10800	pg/g	E
12A-0445	0 - 0.5 ft	12A-0445-C1AS	4.96	1430	pg/g	
12A-0446	0 - 0.5 ft	12A-0446-C2AS	4.96	435	pg/g	
12A-0447	0 - 0.5 ft	12A-0447-C2AS	5.2	2660	pg/g	E
12A-0448	0 - 0.5 ft	12A-0448-C2AS	5.9	292	pg/g	
12A-0449	0 - 0.5 ft	12A-0449-C5AS	6.33	15900	pg/g	E
12A-0451	0 - 0.5 ft	12A-0451-C2AS	6.33	255	pg/g	
12A-0450	0 - 0.5 ft	12A-0450-C4AS	6.33	144	pg/g	
12A-0452	0 - 0.5 ft	12A-0452-C5AS	6.49	378	pg/g	
12A-0453	0 - 0.5 ft	12A-0453-C5AS	6.54	320	pg/g	
12A-0454	0 - 0.5 ft	12A-0454-C3AS	6.62	736	pg/g	
12A-0456	0 - 0.5 ft	12A-0456-C1AS	6.76	277	pg/g	
12A-0455	0 - 0.5 ft	12A-0455-C6AS	6.86	3.29	pg/g	Z
12A-0457	0 - 0.5 ft	12A-0457-C4AS	6.95	93.6	pg/g	
12A-0458	0 - 0.5 ft	12A-0458-C3AS	7.1	6170	pg/g	E
12A-0459	0 - 0.5 ft	12A-0459-C2AS	7.21	22400	pg/g	E
12A-0461	0 - 0.5 ft	12A-0461-C3AS	7.23	6470	pg/g	E
12A-0460	0 - 0.5 ft	12A-0460-C1AS	7.32	34100	pg/g	E
12A-0464	0 - 0.5 ft	12A-0464-C4AS	7.62	10900	pg/g	E
12A-0462	0 - 0.5 ft	12A-0462-C5AS	7.62	6940	pg/g	E
12A-0463	0 - 0.5 ft	12A-0463-C2AS	7.62	23.2	pg/g	
12A-0465	0 - 0.5 ft	12A-0465-C4AS	7.86	49.3	pg/g	
12A-0467	0 - 0.5 ft	12A-0467-C6AS	8.25	6.48	pg/g	
12A-0469	0 - 0.5 ft	12A-0469-C2AS	8.38	298	pg/g	
12A-0468	0 - 0.5 ft	12A-0468-C1AS	8.42	8370	pg/g	E
12A-0470	0 - 0.5 ft	12A-0470-C7AS	8.65	11.7	pg/g	
12A-0472	0 - 0.5 ft	12A-0472-C5AS	8.78	20.3	pg/g	
12A-0471	0 - 0.5 ft	12A-0471-C6AS	8.78	4.92	pg/g	
12A-0473	0 - 0.5 ft	12A-0473-C5AS	9.14	171	pg/g	
12A-0475	0 - 0.5 ft	12A-0475-C2AS	9.29	1630	pg/g	E
12A-0474	0 - 0.5 ft	12A-0474-C5AS	9.29	235	pg/g	
12A-0476	0 - 0.5 ft	12A-0476-C3AS	9.6	1830	pg/g	
12A-0477	0 - 0.5 ft	12A-0477-C2AS	9.8	395	pg/g	
12A-0478	0 - 0.5 ft	12A-0478-C2AS	10.19	761	pg/g	
12A-0479	0 - 0.5 ft	12A-0479-C1AS	10.26	11.8	pg/g	
12A-0480	0 - 0.5 ft	12A-0480-C7AS	10.31	1860	pg/g	
12A-0481	0 - 0.5 ft	12A-0481-C4AS	11.24	23200	pg/g	E
12A-0482	0 - 0.5 ft	12A-0482-C3AS	11.79	15	pg/g	
12A-0483	0 - 0.5 ft	12A-0483-C3AS	12.21	465	pg/g	
12A-0484	0 - 0.5 ft	12A-0484-C8AS	12.3	2.32	pg/g	
12A-0485	0 - 0.5 ft	12A-0485-C1AS	12.71	3.87	pg/g	
12A-0486	0 - 0.5 ft	12A-0486-C1AS	13	70.3	pg/g	
BELOW SURFACE						
12A-0430	0.5 - 0.94 ft	12A-0430-C1BS	3.7	6.05	pg/g	

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12A-0482	0.5 - 1.21 ft	12A-0482-C3BS	11.79	11.4	pg/g	
12A-0470	0.5 - 1.37 ft	12A-0470-C7BS	8.65	3.47	pg/g	
12A-0401	0.5 - 1.5 ft	12A-0401-C2BS	0.17	240	pg/g	
12A-0402	0.5 - 1.5 ft	12A-0402-C4BS	0.25	338	pg/g	
12A-0403	0.5 - 1.5 ft	12A-0403-C1BS	0.5	509	pg/g	
12A-0404	0.5 - 1.5 ft	12A-0404-C2BS	0.68	3160	pg/g	E
12A-0405	0.5 - 1.5 ft	12A-0405-C2BS	1.31	220	pg/g	
12A-0406	0.5 - 1.5 ft	12A-0406-C2BS	1.68	430	pg/g	
12A-0407	0.5 - 1.5 ft	12A-0407-C3BS	1.83	222	pg/g	
12A-0409	0.5 - 1.5 ft	12A-0409-C7BS	1.96	296	pg/g	
12A-0408	0.5 - 1.5 ft	12A-0408-C3BS	1.97	4350	pg/g	E
12A-0410	0.5 - 1.5 ft	12A-0410-C2BS	1.98	2900	pg/g	E
12A-0411	0.5 - 1.5 ft	12A-0411-C2BS	2.02	456	pg/g	
12A-0413	0.5 - 1.5 ft	12A-0413-C4BS	2.53	2180	pg/g	E
12A-0412	0.5 - 1.5 ft	12A-0412-C2BS	2.55	705	pg/g	
12A-0415	0.5 - 1.5 ft	12A-0415-C1BS	2.69	3330	pg/g	E
12A-0414	0.5 - 1.5 ft	12A-0414-C3BS	2.69	466	pg/g	
12A-0416	0.5 - 1.5 ft	12A-0416-C4BS	2.84	1310	pg/g	
12A-0418	0.5 - 1.5 ft	12A-0418-C1BS	2.84	267	pg/g	
12A-0417	0.5 - 1.5 ft	12A-0417-C4BS	2.85	682	pg/g	
12A-0419	0.5 - 1.5 ft	12A-0419-C4BS	2.86	364	pg/g	
12A-0420	0.5 - 1.5 ft	12A-0420-C2BS	2.96	1110	pg/g	
12A-0422	0.5 - 1.5 ft	12A-0422-C5BS	3.14	363	pg/g	
12A-0421	0.5 - 1.5 ft	12A-0421-C3BS	3.14	0.574	pg/g	U
12A-0423	0.5 - 1.5 ft	12A-0423-C4BS	3.3	6.57	pg/g	
12A-0424	0.5 - 1.5 ft	12A-0424-C3BS	3.3	1.64	pg/g	
12A-0425	0.5 - 1.5 ft	12A-0425-C2BS	3.45	5570	pg/g	E
12A-0427	0.5 - 1.5 ft	12A-0427-C5BS	3.64	1240	pg/g	
12A-0426	0.5 - 1.5 ft	12A-0426-C6BS	3.64	673	pg/g	
12A-0429	0.5 - 1.5 ft	12A-0429-C2BS	3.64	404	pg/g	
12A-0428	0.5 - 1.5 ft	12A-0428-C3BS	3.64	38	pg/g	
12A-0431	0.5 - 1.5 ft	12A-0431-C4BS	3.77	452	pg/g	
12A-0432	0.5 - 1.5 ft	12A-0432-C2BS	3.83	4.29	pg/g	
12A-0433	0.5 - 1.5 ft	12A-0433-C3BS	3.94	991	pg/g	
12A-0434	0.5 - 1.5 ft	12A-0434-C2BS	4.05	9.46	pg/g	
12A-0435	0.5 - 1.5 ft	12A-0435-C3BS	4.09	1000	pg/g	
12A-0436	0.5 - 1.5 ft	12A-0436-C1BS	4.14	1610	pg/g	
12A-0437	0.5 - 1.5 ft	12A-0437-C4BS	4.24	201	pg/g	
12A-0438	0.5 - 1.5 ft	12A-0438-C3BS	4.52	229	pg/g	
12A-0439	0.5 - 1.5 ft	12A-0439-C4BS	4.53	278	pg/g	
12A-0440	0.5 - 1.5 ft	12A-0440-C2BS	4.54	7020	pg/g	E
12A-0441	0.5 - 1.5 ft	12A-0441-C2BS	4.63	348	pg/g	
12A-0442	0.5 - 1.5 ft	12A-0442-C3BS	4.63	146	pg/g	
12A-0443	0.5 - 1.5 ft	12A-0443-C5BS	4.63	113	pg/g	
12A-0444	0.5 - 1.5 ft	12A-0444-C3BS	4.64	23300	pg/g	E

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12A-0446	0.5 - 1.5 ft	12A-0446-C2BS	4.96	1180	pg/g	
12A-0445	0.5 - 1.5 ft	12A-0445-C1BS	4.96	1100	pg/g	
12A-0447	0.5 - 1.5 ft	12A-0447-C2BS	5.2	472	pg/g	
12A-0448	0.5 - 1.5 ft	12A-0448-C2BS	5.9	3530	pg/g	E
12A-0449	0.5 - 1.5 ft	12A-0449-C5BS	6.33	3730	pg/g	E
12A-0451	0.5 - 1.5 ft	12A-0451-C2BS	6.33	410	pg/g	
12A-0450	0.5 - 1.5 ft	12A-0450-C4BS	6.33	18.7	pg/g	
12A-0452	0.5 - 1.5 ft	12A-0452-C5BS	6.49	695	pg/g	
12A-0453	0.5 - 1.5 ft	12A-0453-C5BS	6.54	720	pg/g	
12A-0454	0.5 - 1.5 ft	12A-0454-C3BS	6.62	719	pg/g	
12A-0456	0.5 - 1.5 ft	12A-0456-C1BS	6.76	484	pg/g	
12A-0455	0.5 - 1.5 ft	12A-0455-C6BS	6.86	0.482	pg/g	Z J
12A-0457	0.5 - 1.5 ft	12A-0457-C4BS	6.95	103	pg/g	
12A-0458	0.5 - 1.5 ft	12A-0458-C3BS	7.1	15500	pg/g	E
12A-0459	0.5 - 1.5 ft	12A-0459-C2BS	7.21	7.1	pg/g	
12A-0461	0.5 - 1.5 ft	12A-0461-C3BS	7.23	19500	pg/g	E
12A-0460	0.5 - 1.5 ft	12A-0460-C1BS	7.32	17.6	pg/g	
12A-0464	0.5 - 1.5 ft	12A-0464-C4BS	7.62	16400	pg/g	E
12A-0462	0.5 - 1.5 ft	12A-0462-C5BS	7.62	13900	pg/g	E
12A-0463	0.5 - 1.5 ft	12A-0463-C2BS	7.62	751	pg/g	
12A-0465	0.5 - 1.5 ft	12A-0465-C4BS	7.86	6.02	pg/g	
12A-0469	0.5 - 1.5 ft	12A-0469-C2BS	8.38	803	pg/g	
12A-0468	0.5 - 1.5 ft	12A-0468-C1BS	8.42	2650	pg/g	E
12A-0472	0.5 - 1.5 ft	12A-0472-C5BS	8.78	8.19	pg/g	
12A-0471	0.5 - 1.5 ft	12A-0471-C6BS	8.78	0.959	pg/g	J
12A-0473	0.5 - 1.5 ft	12A-0473-C5BS	9.14	63.3	pg/g	
12A-0475	0.5 - 1.5 ft	12A-0475-C2BS	9.29	1930	pg/g	E
12A-0474	0.5 - 1.5 ft	12A-0474-C5BS	9.29	1450	pg/g	E
12A-0476	0.5 - 1.5 ft	12A-0476-C3BS	9.6	1130	pg/g	
12A-0477	0.5 - 1.5 ft	12A-0477-C2BS	9.8	296	pg/g	
12A-0478	0.5 - 1.5 ft	12A-0478-C2BS	10.19	745	pg/g	
12A-0481	0.5 - 1.5 ft	12A-0481-C4BS	11.24	35600	pg/g	E
12A-0483	0.5 - 1.5 ft	12A-0483-C3BS	12.21	787	pg/g	
12A-0484	0.5 - 1.5 ft	12A-0484-C8BS	12.3	21	pg/g	
12A-0485	0.5 - 1.5 ft	12A-0485-C1BS	12.71	1.47	pg/g	
12A-0486	0.5 - 1.5 ft	12A-0486-C1BS	13	50.7	pg/g	
12A-0480	0.5 - 1.7 ft	12A-0480-C7BS	10.31	231	pg/g	
12A-0455	1.5 - 1.89 ft	12A-0455-C6CS	6.86	0.514	pg/g	U
12A-0472	1.5 - 2.13 ft	12A-0472-C3CS	8.78	2.01	pg/g	
12A-0481	1.5 - 2.41 ft	12A-0481-C4CS	11.24	67.8	pg/g	
12A-0401	1.5 - 2.5 ft	12A-0401-C2CS	0.17	0.348	pg/g	Z J
12A-0402	1.5 - 2.5 ft	12A-0402-C4CS	0.25	303	pg/g	
12A-0403	1.5 - 2.5 ft	12A-0403-C1CS	0.5	2.15	pg/g	
12A-0404	1.5 - 2.5 ft	12A-0404-C2CS	0.68	27.8	pg/g	
12A-0405	1.5 - 2.5 ft	12A-0405-C2CS	1.31	253	pg/g	

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Preliminary Data -- Do Not Distribute

12A-0406	1.5 - 2.5 ft	12A-0406-C2CS	1.68	641	pg/g	
12A-0407	1.5 - 2.5 ft	12A-0407-C3CS	1.83	49.6	pg/g	
12A-0409	1.5 - 2.5 ft	12A-0409-C7CS	1.96	254	pg/g	
12A-0408	1.5 - 2.5 ft	12A-0408-C3CS	1.97	8170	pg/g	E
12A-0410	1.5 - 2.5 ft	12A-0410-C2CS	1.98	7270	pg/g	E
12A-0411	1.5 - 2.5 ft	12A-0411-C2CS	2.02	1260	pg/g	
12A-0413	1.5 - 2.5 ft	12A-0413-C4CS	2.53	3760	pg/g	E
12A-0412	1.5 - 2.5 ft	12A-0412-C2CS	2.55	5950	pg/g	E
12A-0415	1.5 - 2.5 ft	12A-0415-C1CS	2.69	3910	pg/g	E
12A-0414	1.5 - 2.5 ft	12A-0414-C3CS	2.69	1420	pg/g	
12A-0416	1.5 - 2.5 ft	12A-0416-C4CS	2.84	2740	pg/g	E
12A-0418	1.5 - 2.5 ft	12A-0418-C1CS	2.84	697	pg/g	
12A-0417	1.5 - 2.5 ft	12A-0417-C4CS	2.85	2650	pg/g	E
12A-0419	1.5 - 2.5 ft	12A-0419-C4CS	2.86	672	pg/g	
12A-0420	1.5 - 2.5 ft	12A-0420-C2CS	2.96	1770	pg/g	
12A-0422	1.5 - 2.5 ft	12A-0422-C5CS	3.14	476	pg/g	
12A-0421	1.5 - 2.5 ft	12A-0421-C3CS	3.14	0.567	pg/g	J
12A-0424	1.5 - 2.5 ft	12A-0424-C3CS	3.3	1.17	pg/g	U
12A-0423	1.5 - 2.5 ft	12A-0423-C4CS	3.3	0.768	pg/g	U
12A-0425	1.5 - 2.5 ft	12A-0425-C2CS	3.45	27300	pg/g	E
12A-0429	1.5 - 2.5 ft	12A-0429-C2CS	3.64	647	pg/g	
12A-0426	1.5 - 2.5 ft	12A-0426-C6CS	3.64	492	pg/g	
12A-0427	1.5 - 2.5 ft	12A-0427-C5CS	3.64	54.6	pg/g	
12A-0428	1.5 - 2.5 ft	12A-0428-C3CS	3.64	47.9	pg/g	
12A-0431	1.5 - 2.5 ft	12A-0431-C4CS	3.77	143	pg/g	
12A-0432	1.5 - 2.5 ft	12A-0432-C2CS	3.83	0.673	pg/g	Z J
12A-0433	1.5 - 2.5 ft	12A-0433-C3CS	3.94	29.3	pg/g	
12A-0434	1.5 - 2.5 ft	12A-0434-C2CS	4.05	2.99	pg/g	
12A-0435	1.5 - 2.5 ft	12A-0435-C3CS	4.09	5110	pg/g	E
12A-0436	1.5 - 2.5 ft	12A-0436-C1CS	4.14	5100	pg/g	E
12A-0437	1.5 - 2.5 ft	12A-0437-C4CS	4.24	3700	pg/g	E
12A-0438	1.5 - 2.5 ft	12A-0438-C3CS	4.52	311	pg/g	
12A-0439	1.5 - 2.5 ft	12A-0439-C4CS	4.53	750	pg/g	
12A-0440	1.5 - 2.5 ft	12A-0440-C2CS	4.54	10.6	pg/g	Z
12A-0443	1.5 - 2.5 ft	12A-0443-C5CS	4.63	733	pg/g	
12A-0441	1.5 - 2.5 ft	12A-0441-C2CS	4.63	501	pg/g	
12A-0442	1.5 - 2.5 ft	12A-0442-C3CS	4.63	198	pg/g	
12A-0444	1.5 - 2.5 ft	12A-0444-C3CS	4.64	16500	pg/g	E
12A-0446	1.5 - 2.5 ft	12A-0446-C2CS	4.96	11200	pg/g	E
12A-0445	1.5 - 2.5 ft	12A-0445-C1CS	4.96	2730	pg/g	E
12A-0447	1.5 - 2.5 ft	12A-0447-C2CS	5.2	227	pg/g	
12A-0448	1.5 - 2.5 ft	12A-0448-C2CS	5.9	572	pg/g	
12A-0449	1.5 - 2.5 ft	12A-0449-C5CS	6.33	1190	pg/g	
12A-0451	1.5 - 2.5 ft	12A-0451-C2CS	6.33	885	pg/g	
12A-0450	1.5 - 2.5 ft	12A-0450-C4CS	6.33	24.8	pg/g	

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12A-0452	1.5 - 2.5 ft	12A-0452-C5CS	6.49	778	pg/g	
12A-0453	1.5 - 2.5 ft	12A-0453-C5CS	6.54	2230	pg/g	E
12A-0454	1.5 - 2.5 ft	12A-0454-C3CS	6.62	5530	pg/g	E
12A-0456	1.5 - 2.5 ft	12A-0456-C1CS	6.76	524	pg/g	
12A-0457	1.5 - 2.5 ft	12A-0457-C4CS	6.95	0.735	pg/g	Z
12A-0458	1.5 - 2.5 ft	12A-0458-C3CS	7.1	16200	pg/g	E
12A-0459	1.5 - 2.5 ft	12A-0459-C2CS	7.21	1.26	pg/g	Z
12A-0461	1.5 - 2.5 ft	12A-0461-C3CS	7.23	95.2	pg/g	
12A-0460	1.5 - 2.5 ft	12A-0460-C1CS	7.32	2.25	pg/g	
12A-0462	1.5 - 2.5 ft	12A-0462-C5CS	7.62	27300	pg/g	E
12A-0463	1.5 - 2.5 ft	12A-0463-C2CS	7.62	46.3	pg/g	
12A-0464	1.5 - 2.5 ft	12A-0464-C4CS	7.62	18.3	pg/g	
12A-0465	1.5 - 2.5 ft	12A-0465-C4CS	7.86	11.5	pg/g	
12A-0469	1.5 - 2.5 ft	12A-0469-C2CS	8.38	6360	pg/g	E
12A-0468	1.5 - 2.5 ft	12A-0468-C1CS	8.42	11	pg/g	
12A-0471	1.5 - 2.5 ft	12A-0471-C6CS	8.78	0.878	pg/g	Z J
12A-0473	1.5 - 2.5 ft	12A-0473-C5CS	9.14	0.665	pg/g	Z B
12A-0474	1.5 - 2.5 ft	12A-0474-C5CS	9.29	17600	pg/g	E
12A-0475	1.5 - 2.5 ft	12A-0475-C2CS	9.29	4840	pg/g	E
12A-0476	1.5 - 2.5 ft	12A-0476-C3CS	9.6	1.39	pg/g	Z
12A-0477	1.5 - 2.5 ft	12A-0477-C2CS	9.8	506	pg/g	
12A-0478	1.5 - 2.5 ft	12A-0478-C2CS	10.19	8040	pg/g	E
12A-0483	1.5 - 2.5 ft	12A-0483-C3CS	12.21	267	pg/g	
12A-0484	1.5 - 2.5 ft	12A-0484-C8CS	12.3	0.944	pg/g	U
12A-0485	1.5 - 2.5 ft	12A-0485-C1CS	12.71	1.88	pg/g	Z
12A-0486	1.5 - 2.5 ft	12A-0486-C1CS	13	2060	pg/g	E
12A-0416	2.5 - 3.5 ft	12A-0416-C4DS	2.84	3210	pg/g	E
12A-0418	2.5 - 3.5 ft	12A-0418-C1DS	2.84	1320	pg/g	
12A-0417	2.5 - 3.5 ft	12A-0417-C4DS	2.85	2790	pg/g	E
12A-0416	3.5 - 4.5 ft	12A-0416-C4ES	2.84	7250	pg/g	E
12A-0418	3.5 - 4.5 ft	12A-0418-C1ES	2.84	2520	pg/g	E
12A-0417	3.5 - 4.5 ft	12A-0417-C4ES	2.85	5110	pg/g	E

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RM	LRC and Benthic Data	SSP Data	RM 10.9 Data
-	110		
-	98		
-	209		
-	0		
-	1		
-	0		
0.01	0		
0.01	0		
0.01	1		
0.01	1		
0.15	148		
0.17	37	147	
0.22	613		
0.03		368	
0.29	140		
0.35	162		
0.37	200		
0.41	251		
0.42	200		
0.46	190		
0.46	460		
0.50		2,370	
0.54	1,047		
0.56	68		
0.63	136		
0.63	150		
0.63	325		
0.66	159		
0.68		302	
0.74	338		
0.86	135		
0.86	140		
1.01	175		
1.01	210		
1.03	164		
1.07	425		
1.11	206		
1.11	167		
1.21	180		
1.24	210		
1.25	180		
1.25	220		
1.31		253	

DRAFT
Preliminary Data -- Do Not Distribute

1.47	451	
1.47	300	
1.47	262	
1.47	323	
1.47	426	
1.47	190	
1.47	182	
1.47	228	
1.60	230	
1.60	480	
1.68	478	
1.77	200	
1.83	262	
1.94	523	
1.96	280	
1.97	1,380	
1.98	205	
2.02	181	
2.03	308	
2.03	220	
2.13	120	
2.34	260	
2.37	190	
2.47	250	
2.53	2,600	
2.55	327	
2.62	766	
2.62	292	
2.64	1,340	
2.65	415	
2.65	164	
2.65	287	
2.65	732	
2.69	445	
2.69	269	
2.77	340	
2.80	310	
2.83	290	
2.84	412	
2.84	245	
2.85	41	218
2.86	250	
2.96	327	
3.13	1,000	
3.14	395	

DRAFT
Preliminary Data -- Do Not Distribute

3.14		1
3.16	250	
3.17	394	
3.30		63
3.30		34
3.39	31	
3.45		208
3.52	210	
3.52	132	
3.53	1,042	
3.53	311	
3.54	245	
3.54	409	
3.54	587	
3.54	351	
3.54	870	
3.58	210	
3.64		11,700
3.64		730
3.64		294
3.64		16
3.70		18
3.74	4,900	
3.77		286
3.82	170	
3.83	330	49
3.85	270	
3.94		253
3.95	200	
4.05		190
4.08	230	
4.09		1,400
4.12	200	
4.14	200	195
4.16	200	
4.16	239	
4.19	440	
4.21	2,095	
4.23	745	
4.23	174	
4.23	721	
4.23	11,039	
4.24		272
4.25	768	
4.26	362	

DRAFT
Preliminary Data -- Do Not Distribute

4.26	174	
4.32	190	
4.35	340	
4.35	290	
4.52	197	
4.53	67	
4.54	21,900	
4.63	299	
4.63	122	
4.63	57	
4.64	10,800	
4.80	310	
4.96	270	1,430
4.96		435
5.01	323	
5.02	300	
5.08	350	
5.20	2,660	
5.32	181	
5.32	226	
5.32	129	
5.32	279	
5.32	259	
5.51	16	
5.51	137	
5.51	260	
5.52	140	
5.54	120	
5.66	290	
5.79	150	
5.90	292	
5.99	340	
6.00	213	
6.07	79	
6.24	300	
6.27	243	
6.33	15,900	
6.33	255	
6.33	144	
6.49	383	378
6.49	1,364	
6.50	610	
6.51	600	
6.54	320	
6.62	736	

DRAFT
Preliminary Data -- Do Not Distribute

6.65	620	
6.76	277	
6.81	210	
6.83	320	
6.86	3	
6.88	1,300	
6.91	376	
6.91	420	
6.94	390	
6.95	94	
6.97	150	
7.00	2,472	
7.00	409	
7.00	13,454	
7.05	280	
7.10	6,170	
7.21	22,400	
7.23	6,470	
7.32	34,100	
7.33	280	
7.43	6,500	
7.44	61	
7.45	20	
7.45	359	
7.47	161	
7.47	134	
7.47	86	
7.47	64	
7.47	83	
7.52	370	
7.62	10,900	
7.62	6,940	
7.62	23	
7.86	34	49
7.88	25	
7.97	112	
7.97	64	
7.97	59	
8.08	13	
8.25	6	
8.31	22	
8.37	260	
8.38	298	
8.42	8,370	
8.44	5	

DRAFT
Preliminary Data -- Do Not Distribute

8.44	896	
8.48	290	
8.48	890	
8.65	93	12
8.71	320	
8.76	600	
8.78	20	
8.78	5	
8.81	16,000	
8.89	83	
8.98	247	
8.99	355	
9.14	171	
9.29	1,630	
9.29	235	
9.42	234	
9.57	309	
9.60	1,830	
9.61	230	
9.69	150	
9.80	395	
10.02	29	
10.03	99	
10.05	124	
10.05	175	
10.05	585	
10.05	20	
10.19	761	
10.26	12	
10.27	843	
10.31	1,860	
10.55	215	
10.55	292	
10.57	29	
10.57	30	
10.60	53	
10.61	77	
10.62	33	
10.62	32	
10.65	221	
10.67	267	
10.68	72	
10.69	382	
10.70	230	
10.72	322	

DRAFT
Preliminary Data -- Do Not Distribute

10.73	151	38
10.74	130	282
10.75	49	394
10.77		2,070
10.78		9
10.78		1,200
10.79		316
10.80		690
10.81		369
10.82		12,100
10.83		741
10.84		7,080
10.84		32
10.85		48
10.85		677
10.86		2,170
10.86		19
10.87		16,500
10.88		1,620
10.89		10,200
10.89		402
10.90		9,550
10.90		1,070
10.92		6,790
10.92		11
10.93	6,491	
10.94		16,400
10.94		1,400
10.94		18
10.95		20,900
10.95		9
10.96	78	
10.97		17,100
10.97		1,530
10.98	401	
10.98	400	
10.99		6,600
10.99		22
11.00		369
11.00	6,700	14,200
11.01	140	
11.02		2,200
11.02		485
11.03		67
11.04		21,600

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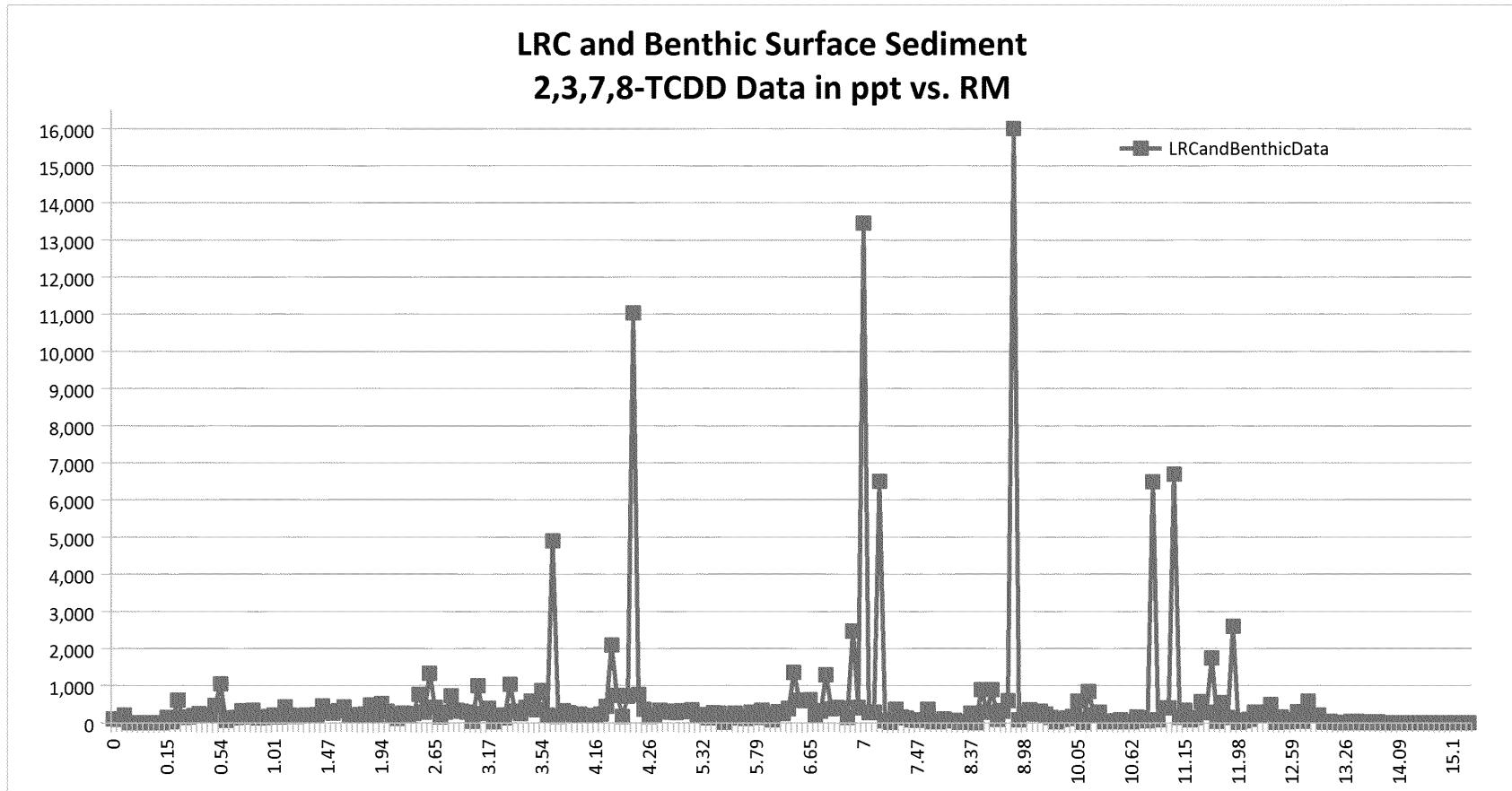
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11.09	2,790	
11.10	49	
11.10	538	
11.11	168	
11.15	340	
11.19	81	
11.24	23,200	
11.25	150	
11.32	574	
11.38	280	
11.51	1,751	
11.51	45	
11.53	550	
11.63	140	
11.75	2,600	
11.79	15	
11.98	19	
12.03	59	
12.14	93	
12.21	465	
12.29	280	
12.30	225	2
12.40	290	
12.43	490	
12.51	24	
12.56	164	
12.56	34	
12.59	79	
12.71	4	
12.79	296	
12.81	42	
12.84	585	
12.86	190	
12.87	210	
13.00	70	
13.23	15	
13.26	37	
13.26	14	
13.26	2	
13.26	4	
13.28	38	

DRAFT
Preliminary Data -- Do Not Distribute

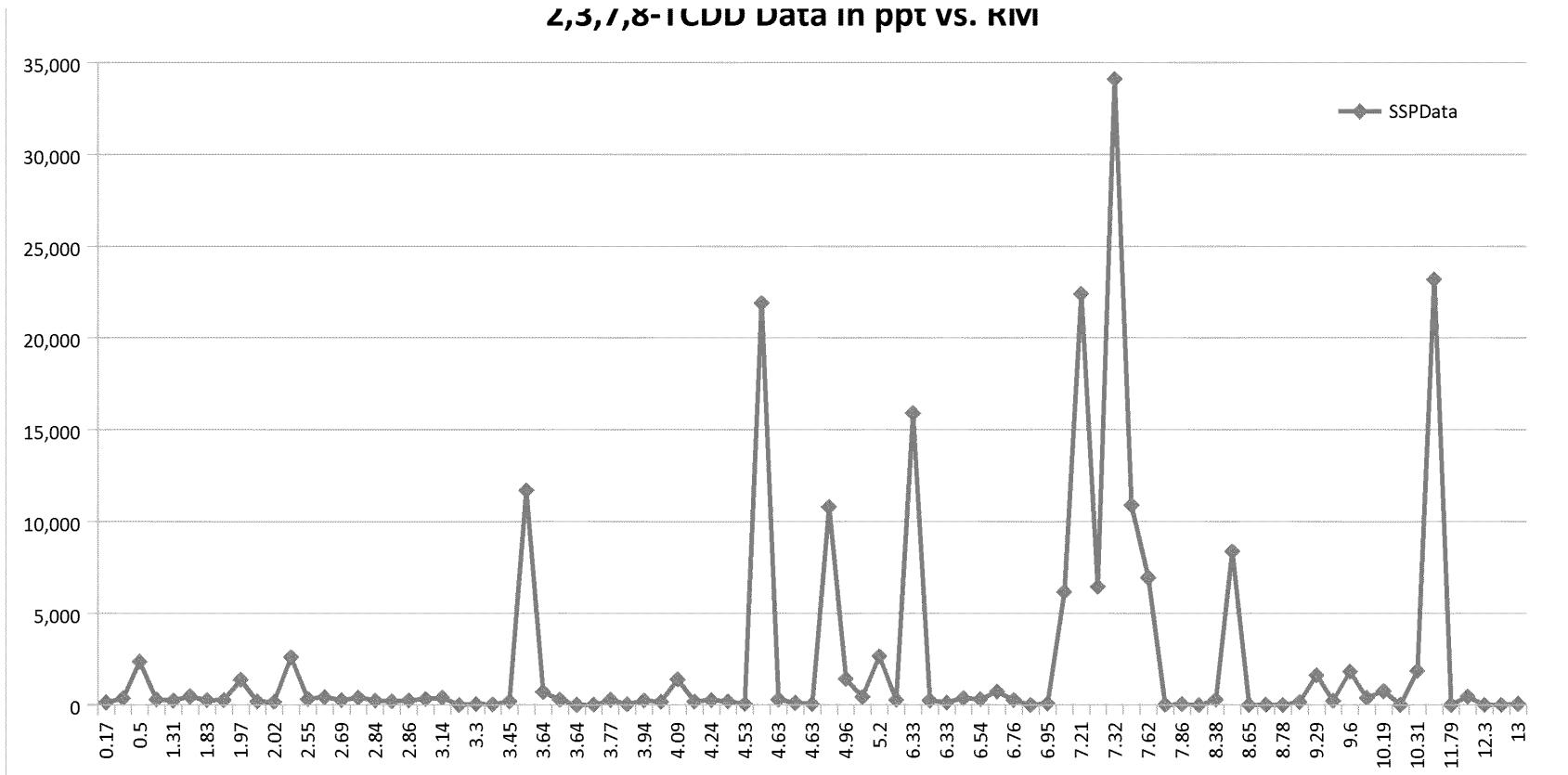
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13.58	6
13.58	23
13.61	4
13.67	23
13.71	2
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14.07	3
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14.09	1
14.09	7
14.16	1
14.21	1
14.21	0
14.24	1
14.25	1
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15.10	1
15.13	0
15.24	0
15.50	0

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Preliminary Data -- Do Not Distribute

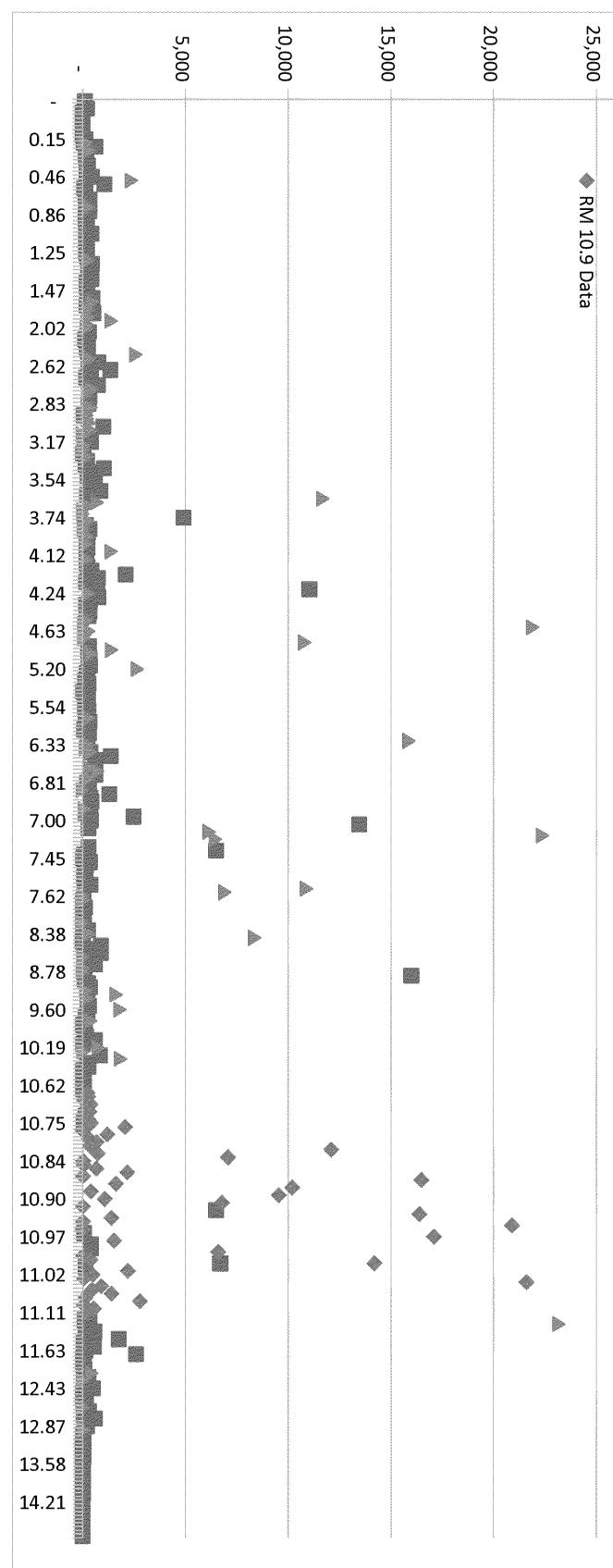
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Preliminary Data -- Do Not Distribute
2,3,7,8-TCDD Data in ppt vs. RM



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Preliminary Data -- Do Not Distribute

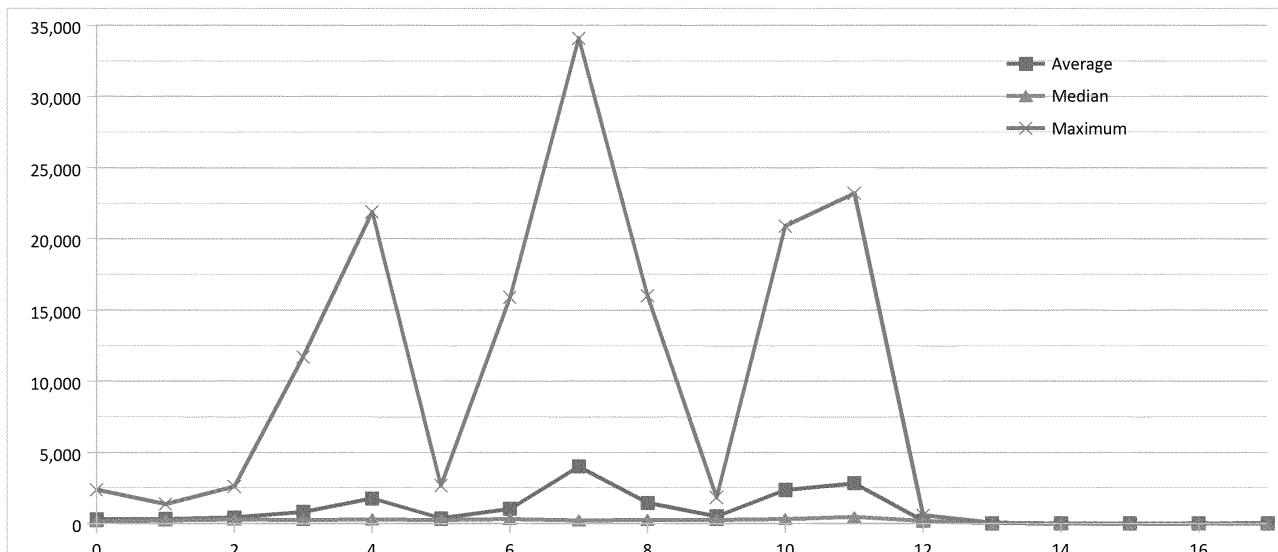


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Surface Sediment Data Review -- LRC, Benthic, RM 10.9, and SSP Programs
all data in ppt

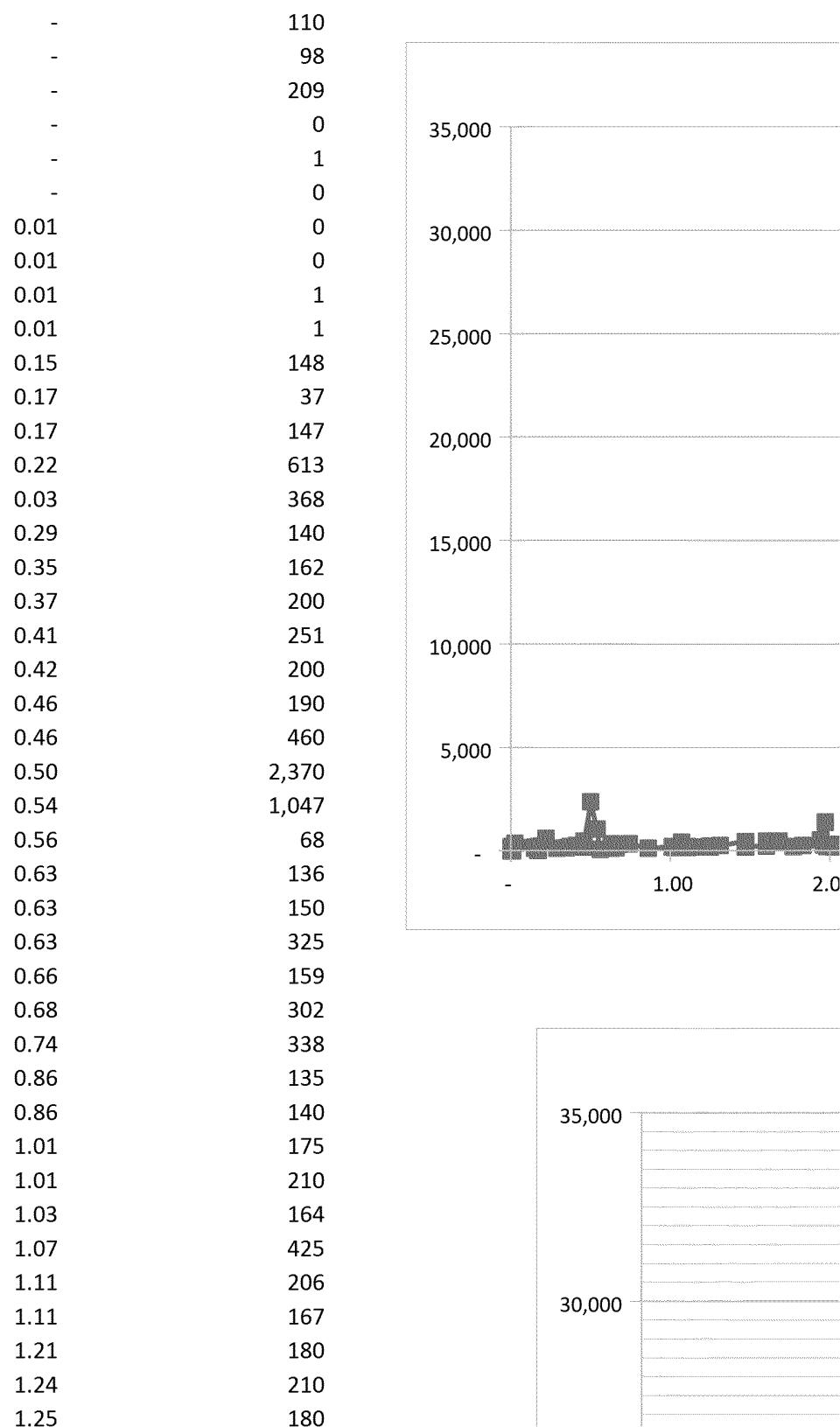
RM	Average	Median	Maximum	Minimum	RM Range	Average	Median
0	307.86	160.58	2,370.00	0.47	RM 0 to 6	716.57	251.99
1	316.16	228.33	1,380.00	316.16	RM 0 to 7	757.69	260.41
2	429.62	290.00	2,600.00	40.95	RM 0 to 8	1,176.42	260.41
3	811.21	261.50	11,700.00	0.77	RM 0 to 9	1,198.60	260.00
4	1,760.98	281.00	21,900.00	56.70	RM 7 to 12	2,441.21	290.00
5	358.41	259.46	2,660.00	16.17	RM 8 to 12	2,102.25	298.00
6	1,027.42	320.00	15,900.00	3.29	RM 9 to 12	2,223.89	316.00
7	4,002.84	220.48	34,100.00	20.38	RM 7 to 13	2,210.30	280.00
8	1,439.30	253.60	16,000.00	4.92	RM 8 to 13	1,868.86	280.00
9	507.85	260.00	1,830.00	16.00	RM 9 to 13	1,936.51	282.00
10	2,351.11	316.00	20,900.00	9.11			
11	2,826.33	459.00	23,200.00	15.00	RM 10.9	3,430.21	511.50
12	196.25	177.08	584.97	2.32			
13	20.47	14.30	70.30	1.00	RM 0 to 17.43	1,322.58	239.00
14	1.86	0.92	6.83	0.23			
15	0.40	0.38	0.60	0.20			
16	0.41	0.41	0.41	0.41			
17	12.66	0.85	36.61	0.52			



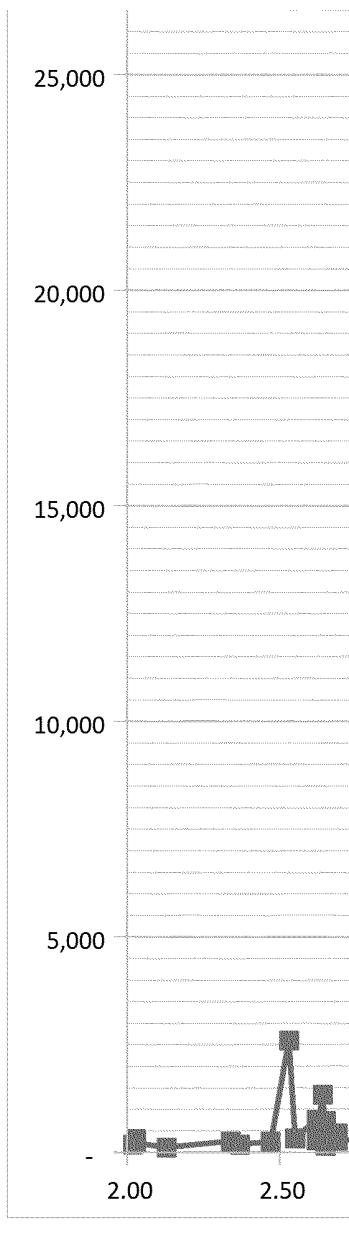
DRAFT
Preliminary Data -- Do Not Distribute

DRAFT -- PRELIMINARY DATA -- DO NOT DISTRIBUTE

**LRC, Benthic, SSP, and
RM RM 10.9 Data**



1.25	220	
1.31	253	
1.47	451	
1.47	300	
1.47	262	
1.47	323	
1.47	426	
1.47	190	
1.47	182 West Mudflat	
1.47	228	
1.60	230	
1.60	480	
1.68	478	
1.77	200	
1.83	262	
1.94	523	
1.96	280	
1.97	1,380 Channel	
1.98	205 West Mudflat	
2.02	181	
2.03	308	
2.03	220	
2.13	120	
2.34	260	
2.37	190	
2.47	250	
2.53	2,600 West Mudflat	
2.55	327	
2.62	766	
2.62	292	
2.64	1,340 West Mudflat	
2.65	415	
2.65	164	
2.65	287	2.5 - 2.7
2.65	732	3.5 - 3.8
2.69	445	4 - 4.3
2.69	269	4.5 - 4.8
2.77	340	4.9 - 5.3
2.80	310	6.2 - 6.7
2.83	290	6.8 - 7.6
2.84	412	8.3 - 8.5
2.84	245	8.7 - 9
2.85	41	9.2 - 9.3
2.86	250	9.55 - 9.65



2.96	327	10 - 10.6
3.13	1,000 Mudflat	11.2 - 11.8
3.14	395	
3.14	1	
3.16	250	
3.17	394	
3.30	63	
3.30	34	
3.39	31	
3.45	208	
3.52	210	
3.52	132	
3.53	1,042	
3.53	311	
3.54	245	
3.54	409	
3.54	587	
3.54	351	
3.54	870	
3.58	210	
3.64	11,700	
3.64	730	
3.64	294	
3.64	16	
3.70	18	
3.74	4,900	
3.77	286	
3.82	170	
3.83	330	
3.83	49	
3.85	270	
3.94	253	
3.95	200	
4.05	190	
4.08	230	
4.09	1,400	
4.12	200	
4.14	200	
4.14	195	
4.16	200	
4.16	239	
4.19	440	
4.21	2,095	
4.23	745	
4.23	174	

4.23	721
4.23	11,039
4.24	272
4.25	768
4.26	362
4.26	174
4.32	190
4.35	340
4.35	290
4.52	197
4.53	67
4.54	21,900
4.63	299
4.63	122
4.63	57
4.64	10,800
4.80	310
4.96	270
4.96	1,430
4.96	435
5.01	323
5.02	300
5.08	350
5.20	2,660
5.32	181
5.32	226
5.32	129
5.32	279
5.32	259
5.51	16
5.51	137
5.51	260
5.52	140
5.54	120
5.66	290
5.79	150
5.90	292
5.99	340
6.00	213
6.07	79
6.24	300
6.27	243
6.33	15,900
6.33	255
6.33	144

6.49	383
6.49	1,364
6.50	610
6.51	600
6.54	320
6.62	736
6.65	620
6.76	277
6.81	210
6.83	320
6.86	3
6.88	1,300
6.91	376
6.91	420
6.94	390
6.95	94
6.97	150
7.00	2,472
7.00	409
7.00	13,454
7.05	280
7.10	6,170
7.21	22,400
7.23	6,470
7.32	34,100
7.33	280
7.43	6,500
7.44	61
7.45	20
7.45	359
7.47	161
7.47	134
7.47	86
7.47	64
7.47	83
7.52	370
7.62	10,900
7.62	6,940
7.62	23
7.86	49
7.86	34
7.88	25
7.97	112
7.97	64
7.97	59

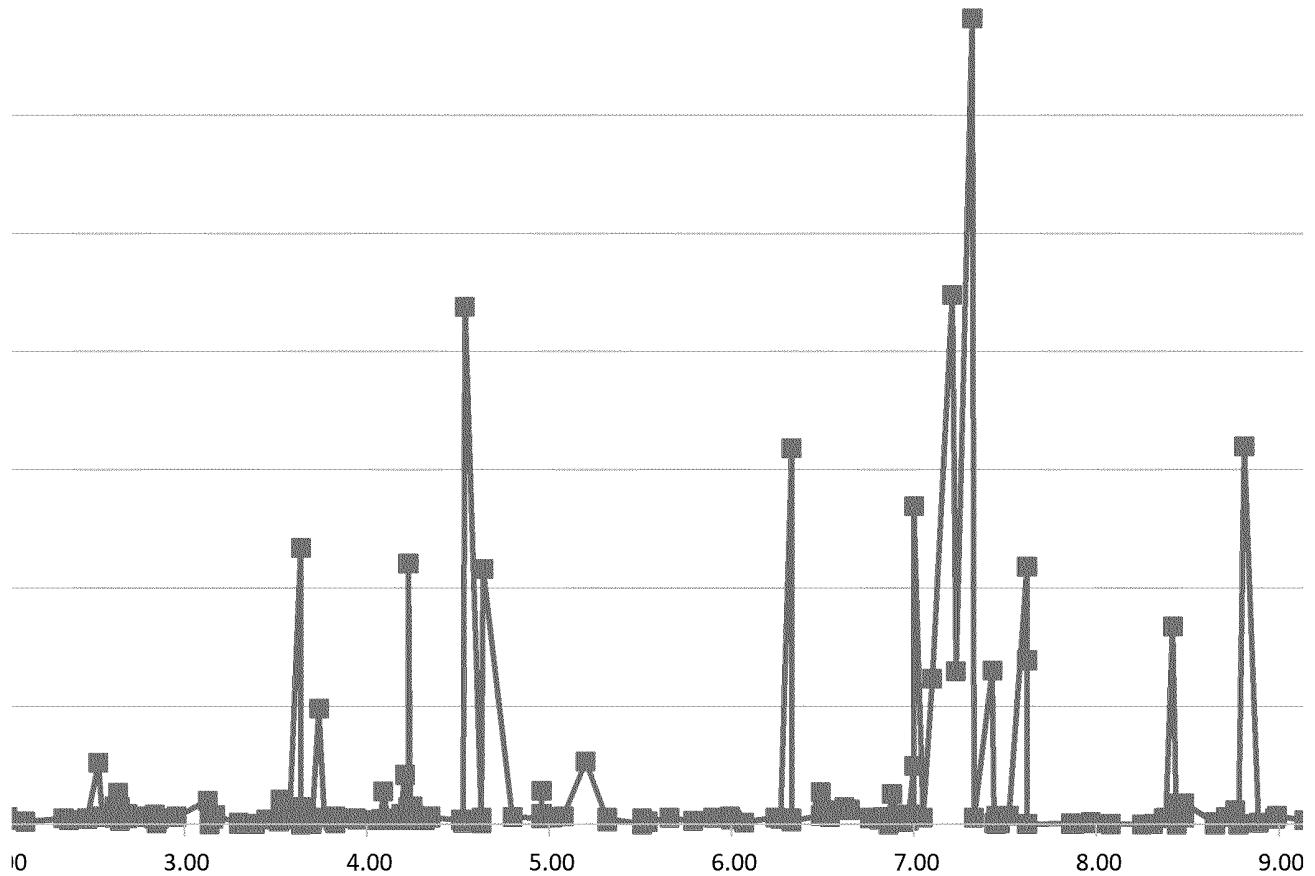
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8.37	260
8.38	298
8.42	8,370
8.44	5
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8.48	290
8.48	890
8.65	93
8.65	12
8.71	320
8.76	600
8.78	20
8.78	5
8.81	16,000
8.89	83
8.98	247
8.99	355
9.14	171
9.29	1,630
9.29	235
9.42	234
9.57	309
9.60	1,830
9.61	230
9.69	150
9.80	395
10.02	29
10.03	99
10.05	124
10.05	175
10.05	585
10.05	20
10.19	761
10.26	12
10.27	843
10.31	1,860
10.55	215
10.55	292
10.57	29
10.57	30
10.60	53
10.61	77

10.62	33
10.62	32
10.65	221
10.67	267
10.68	72
10.69	382
10.70	230
10.72	322
10.73	151
10.73	38
10.74	130
10.74	282
10.75	49
10.75	394
10.77	2,070
10.78	9
10.78	1,200
10.79	316
10.80	690
10.81	369
10.82	12,100
10.83	741
10.84	7,080
10.84	32
10.85	48
10.85	677
10.86	2,170
10.86	19
10.87	16,500
10.88	1,620
10.89	10,200
10.89	402
10.90	9,550
10.90	1,070
10.92	6,790
10.92	11
10.93	6,491
10.94	16,400
10.94	1,400
10.94	18
10.95	20,900
10.95	9
10.96	78
10.97	17,100
10.97	1,530

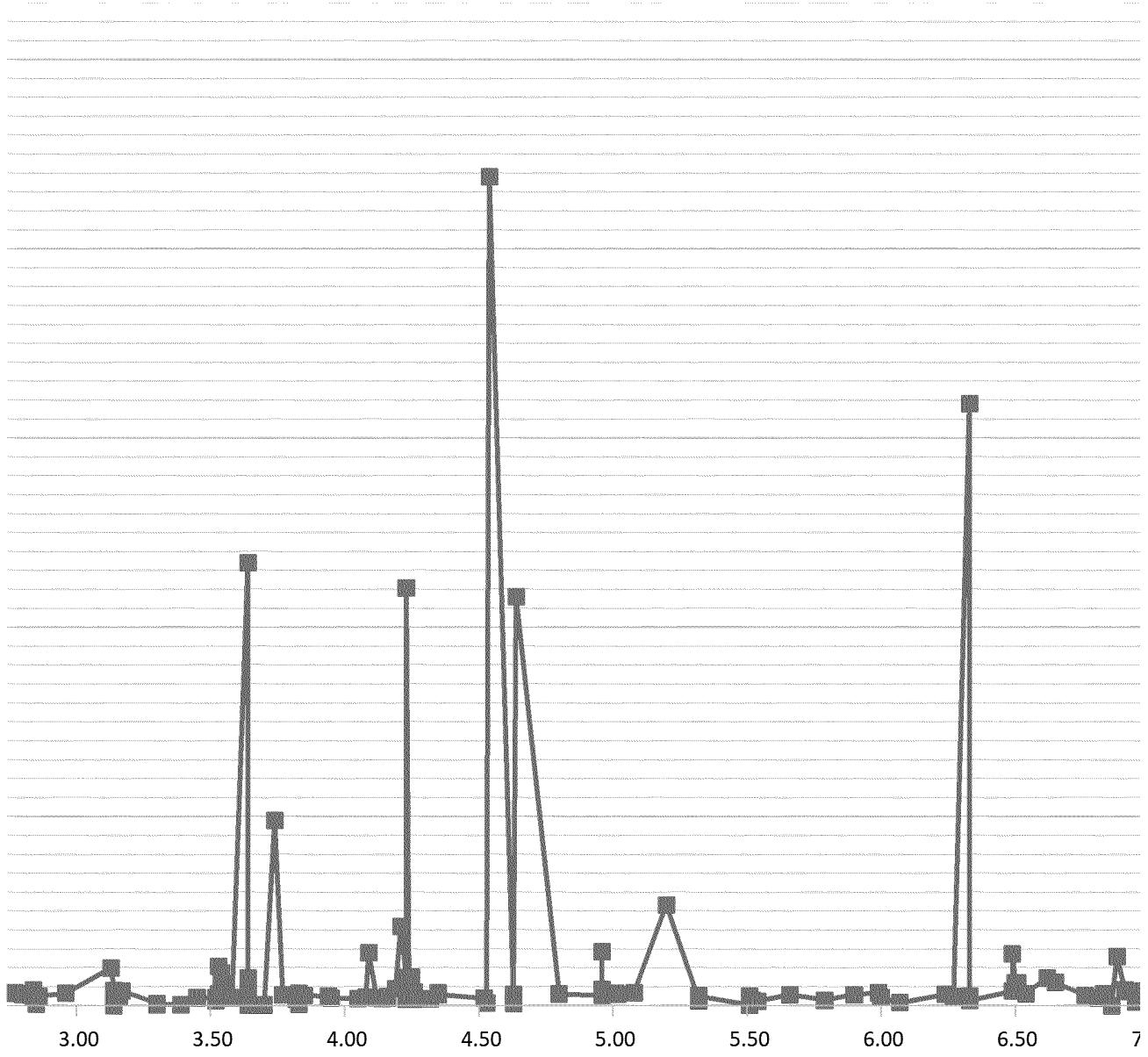
10.98	401
10.98	400
10.99	6,600
10.99	22
11.00	369
11.00	6,700
11.00	14,200
11.01	140
11.02	2,200
11.02	485
11.03	67
11.04	21,600
11.04	904
11.06	459
11.07	1,400
11.08	150
11.09	2,790
11.10	49
11.10	538
11.11	168
11.15	340
11.19	81
11.24	23,200
11.25	150
11.32	574
11.38	280
11.51	1,751
11.51	45
11.53	550
11.63	140
11.75	2,600
11.79	15
11.98	19
12.03	59
12.14	93
12.21	465
12.29	280
12.30	2
12.30	225
12.40	290
12.43	490
12.51	24
12.56	164
12.56	34
12.59	79

12.71	4
12.79	296
12.81	42
12.84	585
12.86	190
12.87	210
13.00	70
13.23	15
13.26	37
13.26	14
13.26	2
13.26	4
13.28	38
13.55	48
13.58	6
13.58	23
13.61	4
13.67	23
13.71	2
13.90	1
14.07	3
14.09	5
14.09	1
14.09	7
14.16	1
14.21	1
14.21	0
14.24	1
14.25	1
14.50	1
14.79	0
15.10	1
15.13	0
15.24	0
15.50	0

LRC, Benthic, SSP, and RM 10.9



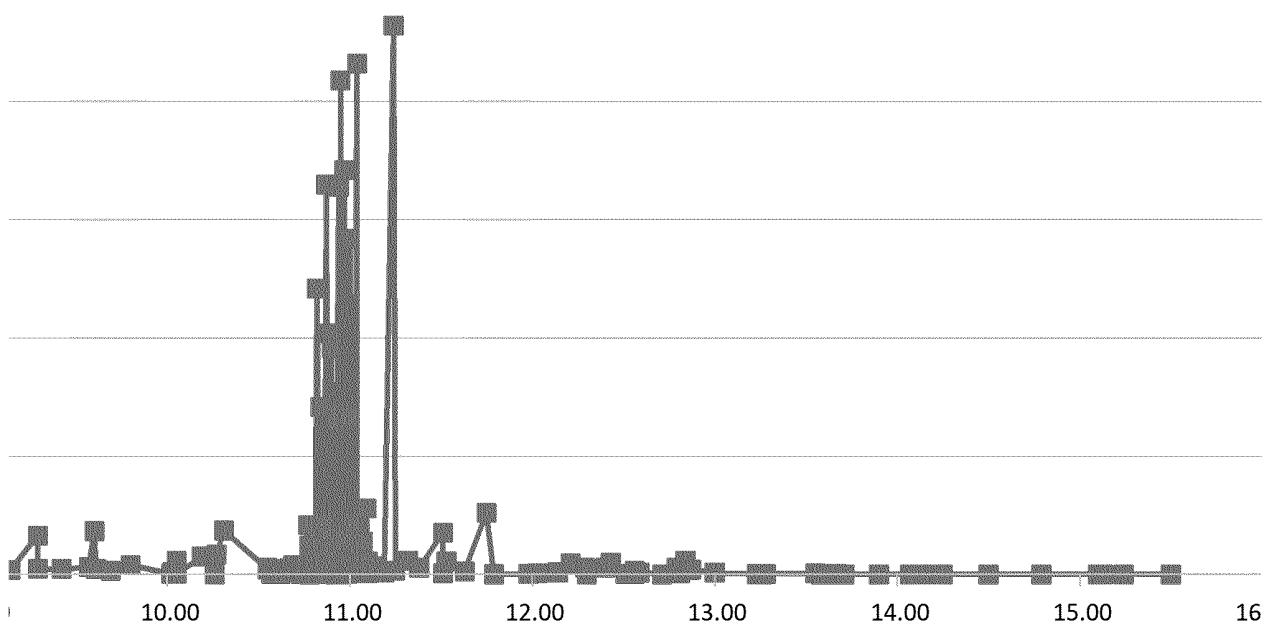
LRC, Benthic, RM 10.9,



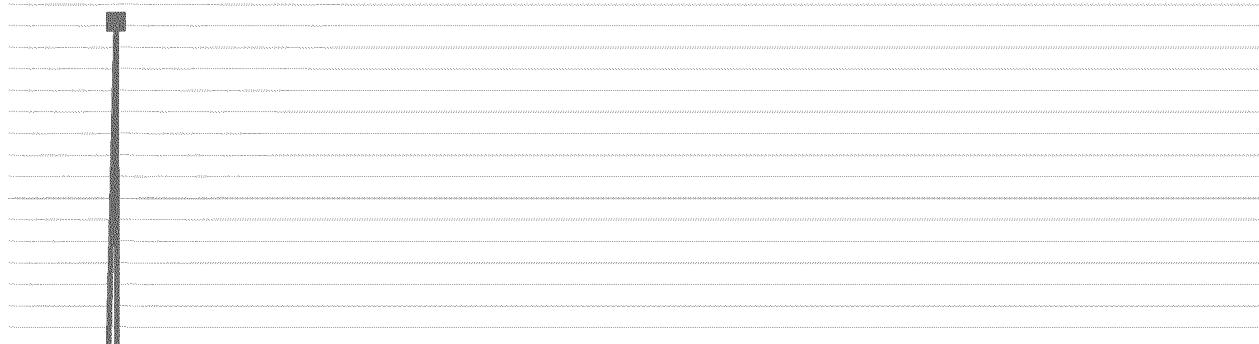
Characteristics

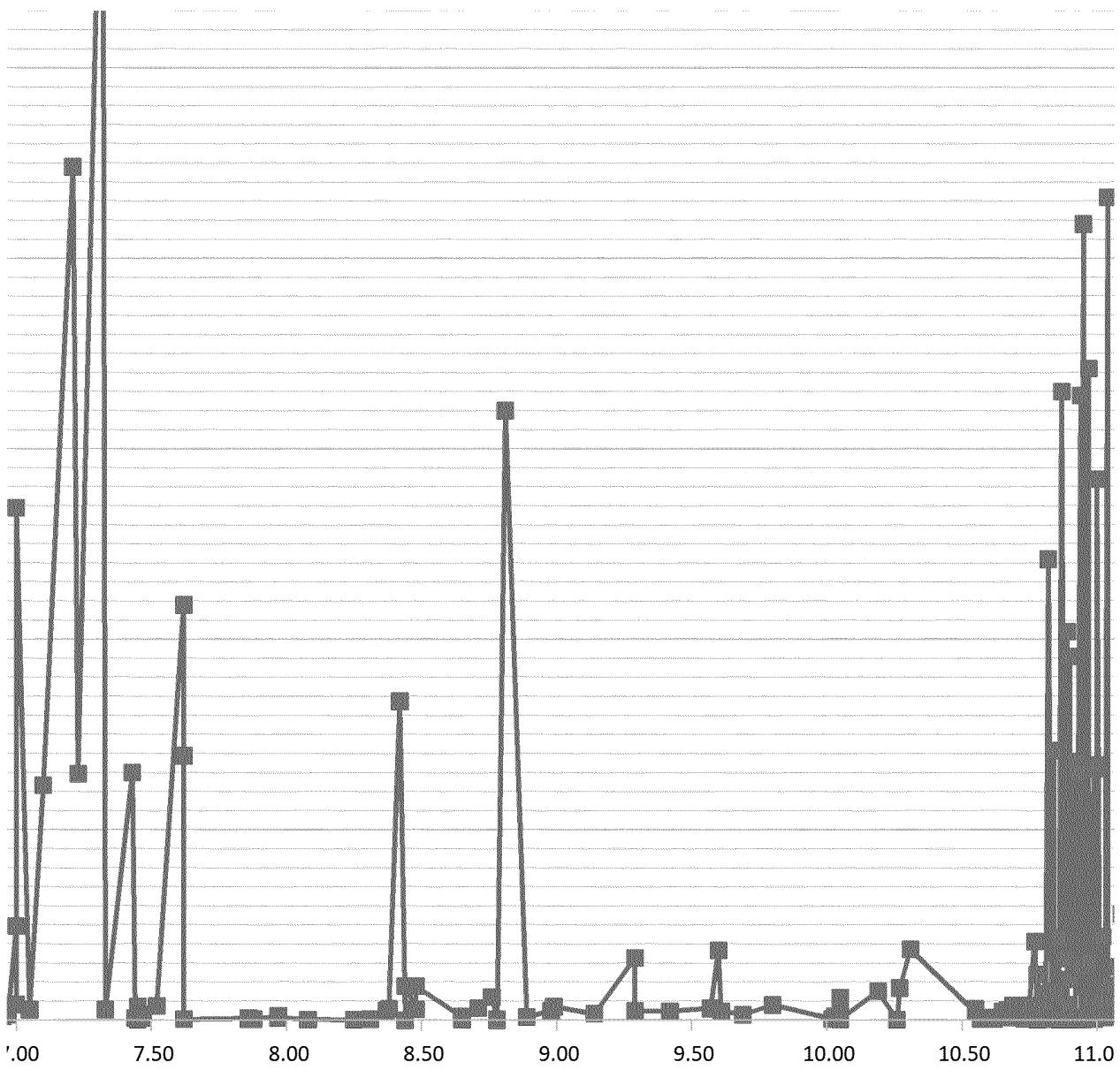
West (south) bank, potentially accessible sediment. Mudflat extends from approximately RM 1.5 to RM 3.5

Data



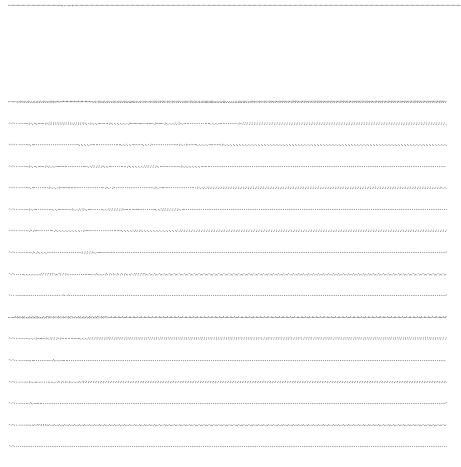
and SSP 2,3,7,8-TCDD Data

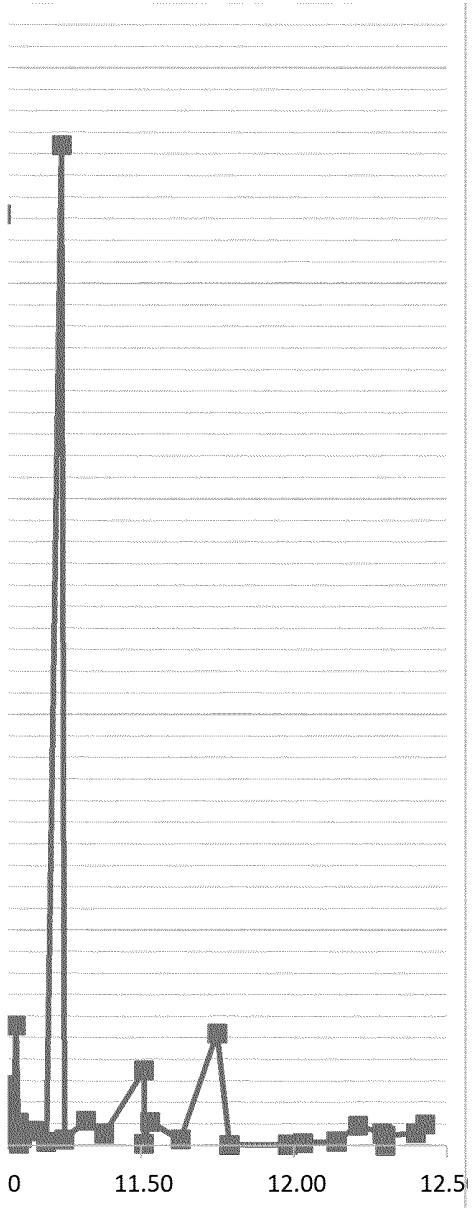




100

.0





RM	LRC, Benthic, SSP, and RM 10.9 Data	Concentrations > 1,000 ppt		300 < Concentration < 1,000 ppt	
		RM	Result	RM	Result
7.32	34,100				
11.24	23,200	0.50	2,370	0.03	368
7.21	22,400	0.54	1,047	0.22	613
4.54	21,900	1.97	1,380	0.46	460
11.04	21,600	2.53	2,600	0.63	325
10.95	20,900	2.64	1,340	0.68	302
10.97	17,100	3.13	1,000	0.74	338
10.87	16,500	3.53	1,042	1.07	425
10.94	16,400	3.64	11,700	1.47	451
8.81	16,000	3.74	4,900	1.47	426
6.33	15,900	4.09	1,400	1.47	323
11.00	14,200	4.21	2,095	1.60	480
7.00	13,454	4.23	11,039	1.68	478
10.82	12,100	4.54	21,900	1.94	523
3.64	11,700	4.64	10,800	2.03	308
4.23	11,039	4.96	1,430	2.55	327
7.62	10,900	5.20	2,660	2.62	766
4.64	10,800	6.33	15,900	2.65	732
10.89	10,200	6.49	1,364	2.65	415
10.90	9,550	6.88	1,300	2.69	445
8.42	8,370	7.00	13,454	2.77	340
10.84	7,080	7.00	2,472	2.80	310
7.62	6,940	7.10	6,170	2.84	412
10.92	6,790	7.21	22,400	2.96	327
11.00	6,700	7.23	6,470	3.14	395
10.99	6,600	7.32	34,100	3.17	394
7.43	6,500	7.43	6,500	3.53	311
10.93	6,491	7.62	10,900	3.54	870
7.23	6,470	7.62	6,940	3.54	587
7.10	6,170	8.42	8,370	3.54	409
3.74	4,900	8.81	16,000	3.54	351
11.09	2,790	9.29	1,630	3.64	730
5.20	2,660	9.60	1,830	3.83	330
2.53	2,600	10.31	1,860	4.19	440
11.75	2,600	11.51	1,751	4.23	745
7.00	2,472	11.75	2,600	4.23	721
0.50	2,370			4.25	768
11.02	2,200			4.26	362
10.86	2,170			4.35	340
4.21	2,095			4.80	310
10.77	2,070			4.96	435
10.31	1,860			5.01	323

9.60		1,830		5.08	350
11.51		1,751		5.99	340
9.29		1,630		6.49	383
10.88	1,620			6.50	610
10.97	1,530			6.51	600
4.96		1,430		6.54	320
4.09		1,400		6.62	736
10.94	1,400			6.65	620
11.07	1,400			6.83	320
1.97		1,380		6.91	420
6.49		1,364		6.91	376
2.64		1,340		6.94	390
6.88		1,300		7.00	409
10.78	1,200			7.45	359
10.90	1,070			7.52	370
0.54		1,047		8.44	896
3.53		1,042		8.48	890
3.13		1,000		8.71	320
11.04	904			8.76	600
8.44		896		8.99	355
8.48		890		9.57	309
3.54		870		9.80	395
10.27		843		10.05	585
4.25		768		10.19	761
2.62		766		10.27	843
10.19		761		10.69	382
4.23		745		10.72	322
10.83	741			10.75	394
6.62		736		10.79	316
2.65		732		10.80	690
3.64		730		10.81	369
4.23		721		10.83	741
10.80	690			10.85	677
10.85	677			10.89	402
6.65		620		10.98	401
0.22		613		10.98	400
6.50		610		11.00	369
6.51		600		11.02	485
8.76		600		11.04	904
3.54		587		11.06	459
10.05		585		11.10	538
12.84		585		11.15	340
11.32		574		11.32	574
11.53		550		11.53	550
11.10	538			12.21	465

1.94		523		12.43	490
12.43		490		12.84	585
11.02	485				
1.60		480			
1.68		478			
12.21		465			
0.46		460			
11.06	459				
1.47		451			
2.69		445			
4.19		440			
4.96		435			
1.47		426			
1.07		425			
6.91		420			
2.65		415			
2.84		412			
3.54		409			
7.00		409			
10.89	402				
10.98		401			
10.98		400			
3.14		395			
9.80		395			
3.17		394			
10.75		394			
6.94		390			
6.49		383			
10.69	382				
6.91		376			
7.52		370			
10.81	369				
11.00	369				
0.03		368			
4.26		362			
7.45		359			
8.99		355			
3.54		351			
5.08		350			
2.77		340			
4.35		340			
5.99		340			
11.15		340			
0.74		338			
3.83		330			

2.55	327
2.96	327
0.63	325
1.47	323
5.01	323
10.72	322
6.54	320
6.83	320
8.71	320
10.79	316
3.53	311
2.80	310
4.80	310
9.57	309
2.03	308
0.68	302
1.47	300
5.02	300
6.24	300
4.63	299
8.38	298
12.79	296
3.64	294
2.62	292
10.55	292
5.90	292
2.83	290
4.35	290
5.66	290
8.48	290
12.40	290
2.65	287
3.77	286
10.74	282
1.96	280
7.05	280
7.33	280
11.38	280
12.29	280
5.32	279
6.76	277
4.24	272
3.85	270
4.96	270
2.69	269

10.67	267
1.47	262
1.83	262
5.51	260
2.34	260
8.37	260
5.32	259
6.33	255
1.31	253
3.94	253
0.41	251
2.47	250
2.86	250
3.16	250
8.98	247
3.54	245
2.84	245
6.27	243
4.16	239
9.29	235
9.42	234
1.60	230
4.08	230
9.61	230
10.70	230
1.47	228
5.32	226
12.30	225
10.65	221
1.25	220
2.03	220
10.55	215
6.00	213
1.01	210
1.24	210
3.52	210
3.58	210
6.81	210
12.87	210
-	209
3.45	208
1.11	206
1.98	205
0.37	200
0.42	200

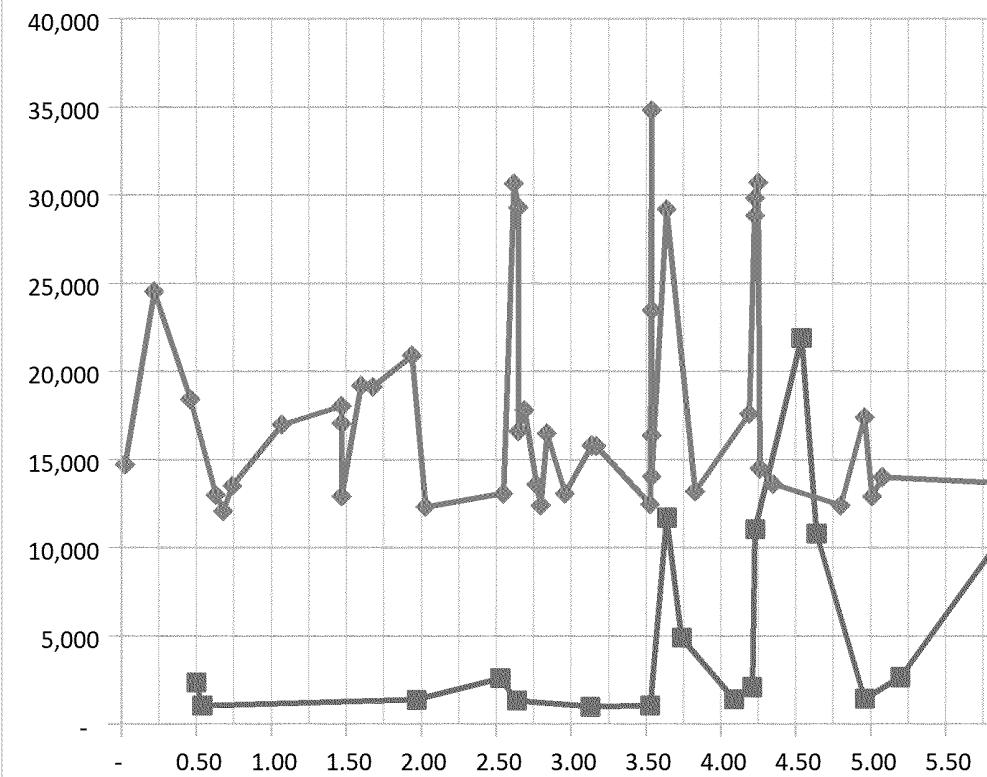
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1.47	190
2.37	190
4.05	190
4.32	190
12.86	190
1.47	182
2.02	181
5.32	181
1.21	180
1.25	180
10.05	175
1.01	175
4.23	174
4.26	174
9.14	171
3.82	170
11.11	168
1.11	167
2.65	164
12.56	164
1.03	164
0.35	162
7.47	161
0.66	159
10.73	151
0.63	150
5.79	150
6.97	150
9.69	150
11.08	150
11.25	150
0.15	148
0.17	147
6.33	144
0.29	140
0.86	140
5.52	140

11.01	140
11.63	140
5.51	137
0.63	136
0.86	135
7.47	134
3.52	132
10.74	130
5.32	129
10.05	124
4.63	122
2.13	120
5.54	120
7.97	112
-	110
10.03	99
-	98
6.95	94
8.65	93
12.14	93
7.47	86
7.47	83
8.89	83
11.19	81
6.07	79
12.59	79
10.96	78
10.61	77
10.68	72
13.00	70
0.56	68
4.53	67
11.03	67
7.47	64
7.97	64
3.30	63
7.44	61
7.97	59
12.03	59
4.63	57
10.60	53
3.83	49
7.86	49
11.10	49
10.75	49

10.85	48
13.55	48
11.51	45
12.81	42
2.85	41
10.73	38
13.28	38
0.17	37
13.26	37
7.86	34
3.30	34
12.56	34
10.62	33
10.84	32
10.62	32
3.39	31
10.57	30
10.02	29
10.57	29
7.88	25
12.51	24
7.62	23
13.67	23
13.58	23
10.99	22
8.31	22
7.45	20
8.78	20
10.05	20
11.98	19
10.86	19
10.94	18
3.70	18
3.64	16
5.51	16
11.79	15
13.23	15
13.26	14
8.08	13
8.65	12
10.26	12
10.92	11
10.95	9
10.78	9
14.09	7

8.25	6
13.58	6
8.44	5
14.09	5
8.78	5
13.26	4
12.71	4
13.61	4
6.86	3
14.07	3
12.30	2
13.71	2
13.26	2
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14.09	1
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15.10	1
14.21	1
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14.21	0
15.24	0
15.50	0
-	0
14.79	0
-	0

2,3,7,8-TCDD Surface C



oncentrations > 1,000 ppt

